

Houston Pilots Forecast Package



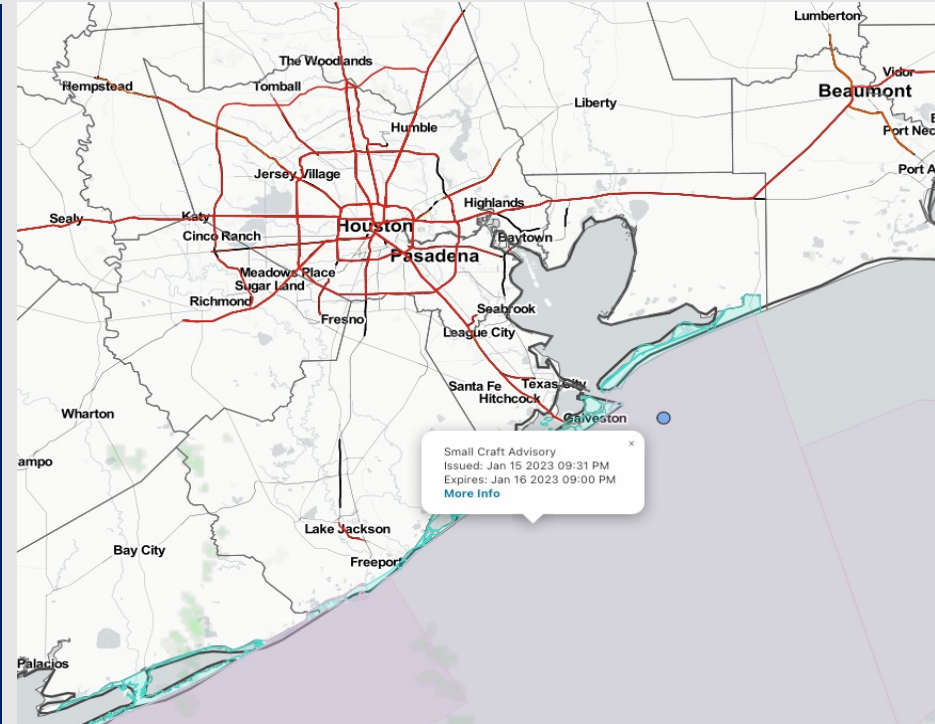
Updated: 5:00 AM CT

Monday, January 16, 2023

Forecaster: Vince Bryan

Weather Headlines

- **Sea fog will be in the cards late tonight into Tuesday. Fog could be particularly dense for the AM hours on Tuesday. View visibility slide for more details.**
- **Fog will be a risk until Wednesday PM when a front works through the area and turns winds out of the NW**
- Favoring mostly dry conditions over the next 48 hours with a low chance for some showers Monday afternoon. The next substantial rain looks to come on Wednesday out ahead of a cold front.
- Looking at elevated winds over the next few days with the risk of the Boarding Station seeing gusts 20+ knots Today and Wednesday. Tuesday looks to hold calmer winds in the 5 - 15 kt range.
- **Wave heights at the boarding station over 6 feet will be possible through early afternoon today before subsiding.**



Radar/NWS Alerts: 5:00 AM CT



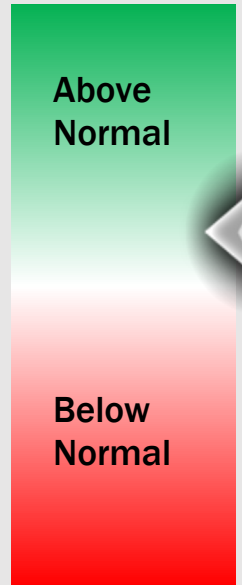
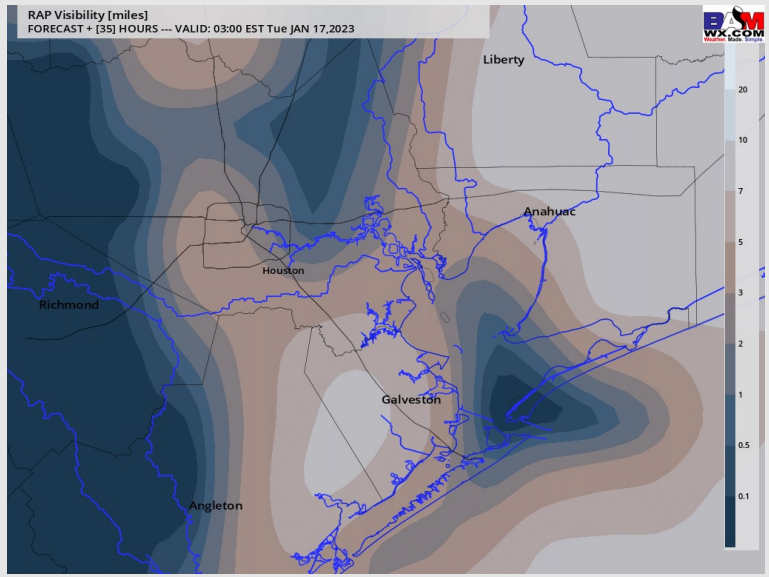
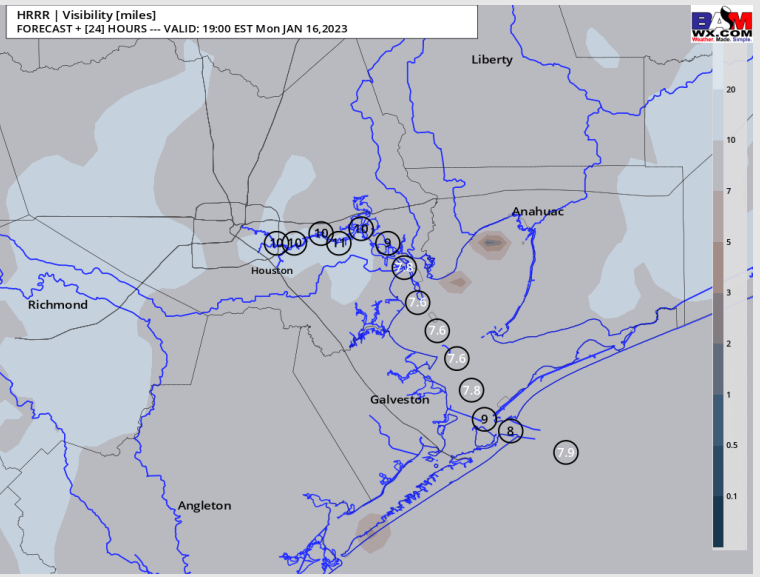
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 PM CT MON VISIBILITY 2 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
5 PM MON – 12 PM TUE	MEDIUM

- A low end risk for a few patches of fog to develop as early as 6 PM for the 11/12 & boarding station, however that is not favored at this time. We are expecting more widespread fog to fill in between the 12-2 AM hours for all stations.
- Fog risk will initialize just South of Morgan’s Point and continue to develop south through the overnight impacting all stations South of Morgan’s Point including the Boarding Station.
- Visibility of less than 1 mile will be the risk as fog looks like it could be locally dense.
- This threat likely persists into the mid-AM hours of Tuesday, with fog likely lifting between 8 - 10 AM.

Houston Pilots Extended Range Visibility Report



Thursday 1/19/23

Fog is not expected for Thursday as winds will be out of the NW from the frontal passage bringing with it dry air.



Friday 1/20/23

Fog is not expected for Friday either, with winds shifting from the NE to ENE.



Saturday 1/21/23

Easterly winds will continue for Saturday, with the possibility of them shifting from the N by the afternoon.



Chance for Reduced Visibility

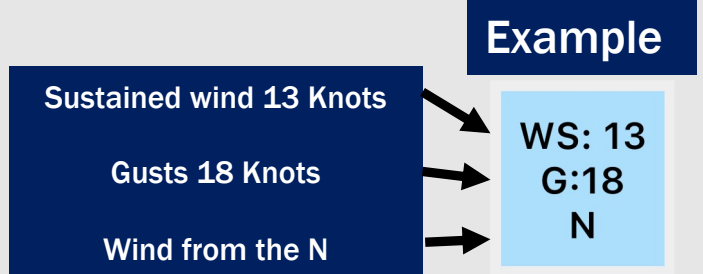
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Report



Time	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	5	4	0.72	0.48	0.24	0.24	0.24	0.24	0.24	0.24	0.16	0.48	4	8	10	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	5	5	2	2	1	0.24	0.24	0.24	0.24	0.16	2	5	8	10	10	10	
Greens Bayou	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	4	4	2	0.24	0.24	0.24	0.24	0.16	4	6	8	10	10	10	
Shell Crude	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	2	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
Lynchburg Ferries	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	3	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	3	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	3	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	3	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	6	6	3	0.24	0.24	0.24	0.24	0.16	5	7	8	10	10	10	
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	8	8	8	2	0.54	0.2	0.22	0.22	0.22	0.16	2	4	6	7	7	7	

Houston Pilots Wind Report



Time Knots	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm
610 Bridge	9	8	9	8	7	8	11	11	11	11	10	10	9	9	8	7	6	6	5	5	5	5	4	4	4	4	3	3	4	4	5	5	6	6	6	7
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	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	S	
Kinder 1	9	7	8	7	7	8	11	11	11	11	10	11	9	9	8	7	6	6	5	5	5	5	4	4	4	4	3	4	4	5	5	6	6	6	7	
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Greens Bayou	8	7	6	7	7	8	10	10	11	11	10	11	9	9	8	7	6	6	6	5	5	5	4	4	4	3	3	4	4	5	5	6	6	6	7	
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Shell Crude	8	7	6	7	8	9	10	11	11	11	10	10	9	9	8	7	6	6	6	5	5	5	4	4	4	4	4	4	4	6	6	6	6	7	7	
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Lynchburg Ferries	8	6	5	6	8	8	9	10	10	9	11	9	8	9	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	5	5	6	6	6	7	
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Exxon 3	8	6	5	7	8	8	8	10	9	9	10	9	9	8	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	5	5	5	6	6	7	
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Morgans Point	8	6	6	7	9	9	8	9	9	9	10	9	9	8	7	7	6	6	6	5	5	5	4	4	4	4	4	4	4	5	5	5	6	6	7	
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25/26	9	9	7	10	12	12	11	10	10	10	10	10	9	7	8	9	9	8	8	8	8	8	8	8	7	7	6	6	6	6	6	6	6	6	6	6
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1 & 2 Bravo	10	10	11	10	10	12	11	10	8	8	7	9	10	7	5	10	10	10	10	10	10	9	9	9	9	9	8	7	7	6	6	6	6	6	6	6
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Houston Pilots: Mon. 1/16/2023



Forecast Discussion

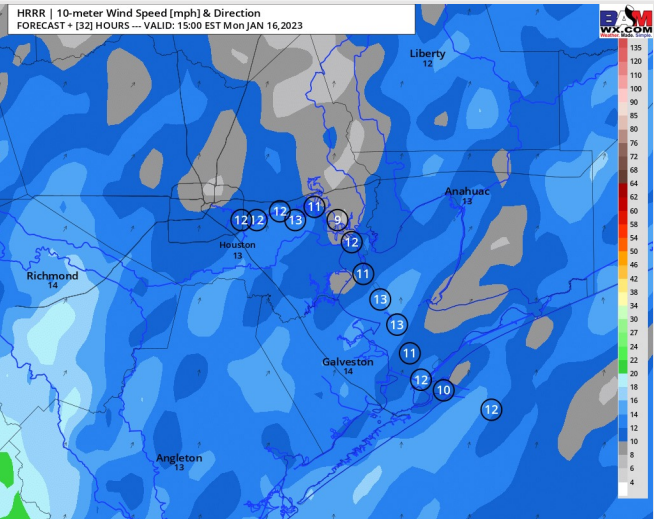
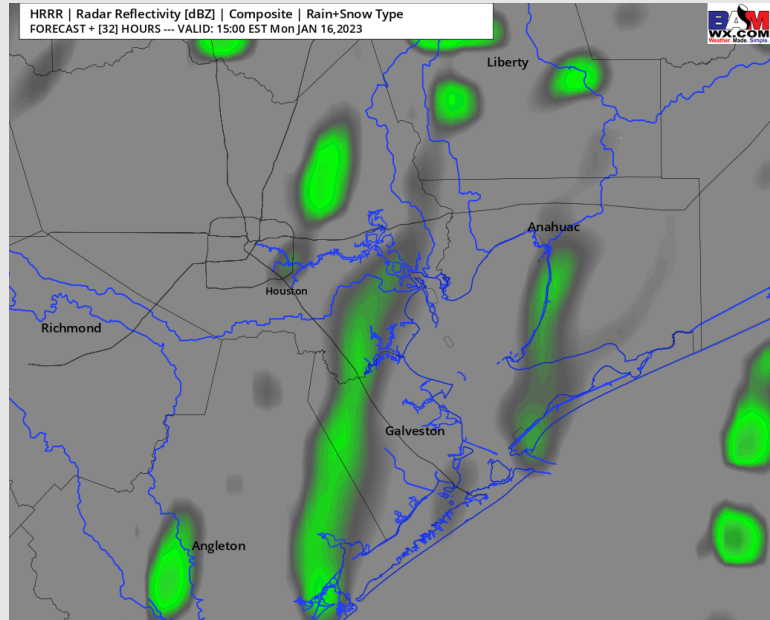
Precip: Anticipating dry conditions for the AM hours, with a 30% chance for scattered showers/storms during the 12 – 7 PM hours. Coverage will be rather sporadic.

Wind: Sustained Southerly winds for Monday with slight SSW veering during the afternoon. Winds will be 10-15 kts for most stations with gusts 15-20 knots at times (13-18 kts sustained with gusts 18-23 knots at the boarding station). Winds after ~7 PM will continue out of the S/SSW at 10-15 knots at the boarding station.

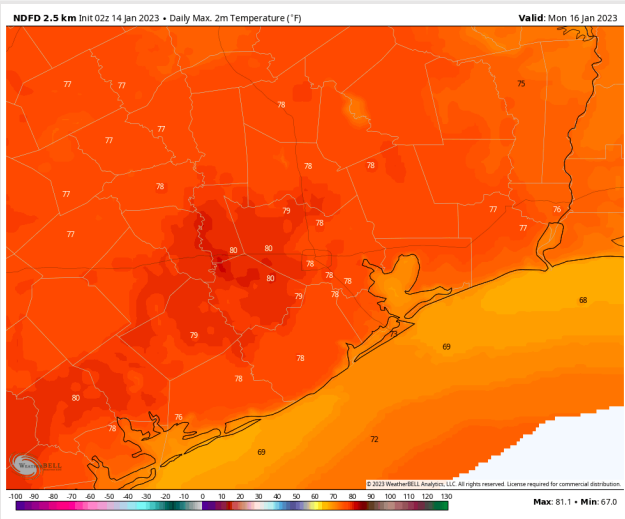
Temps: High temperatures will be in the upper 70s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: Check slide above for more on the fog threat moving forward.

Precip Forecast: 2 PM CT



Wind Speed
2 PM CT



High Temps
Today

Forecast Discussion

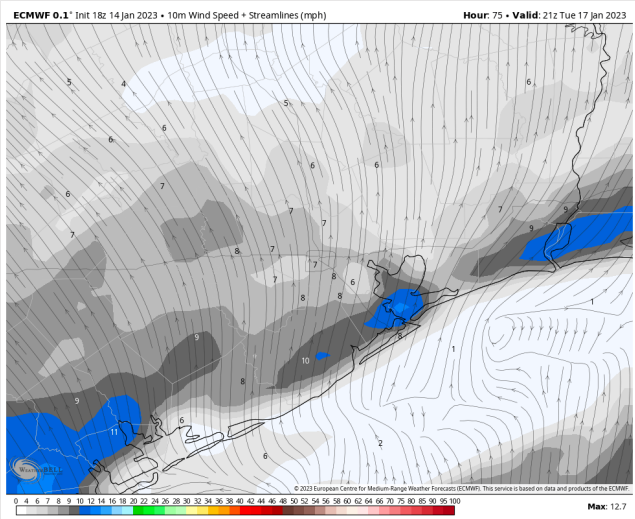
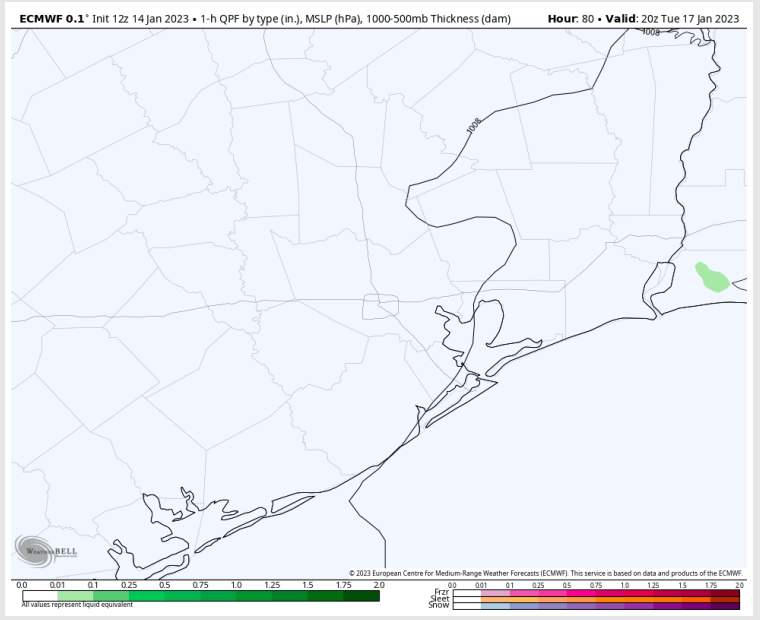
Precip: Favoring dry conditions on Tuesday with a 10% chance for an isolated sprinkle during the afternoon.

Wind: SW winds in the AM hours and early afternoon will shift from the SE by 5 PM and remain as such for the evening. Winds north of Morgan's point will be 3 – 8 kts and south of Morgan's Point will be 9 – 14 kts. From 11 AM – 6 PM winds will be at 3 – 8 kts across all stations before picking back up again at 9 – 14 kts south of Morgan's Point.

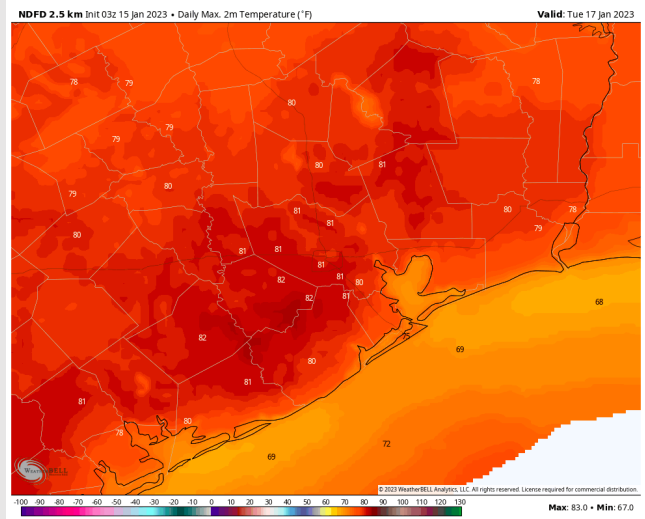
Temps: Unseasonably warm on Tuesday with temperatures near 80 F north of Morgan's Point and in the lower 70s F south of Morgan's Point.

Visibility: Sea fog will be possible on Tuesday morning as there will be substantial low-level moisture with southerly winds. While there is likely a break mid-day Tuesday, we'll need to watch Tuesday evening for additional development of fog.

Precip Forecast: 2 PM CT



Wind Speed
3 PM CT



High Temps
Tuesday

Forecast Discussion

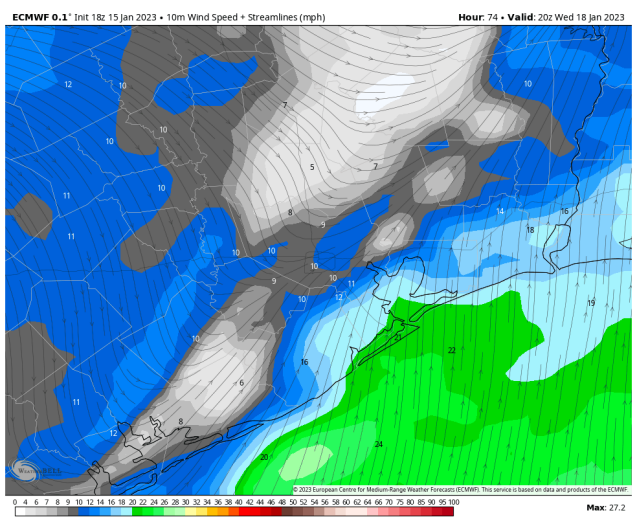
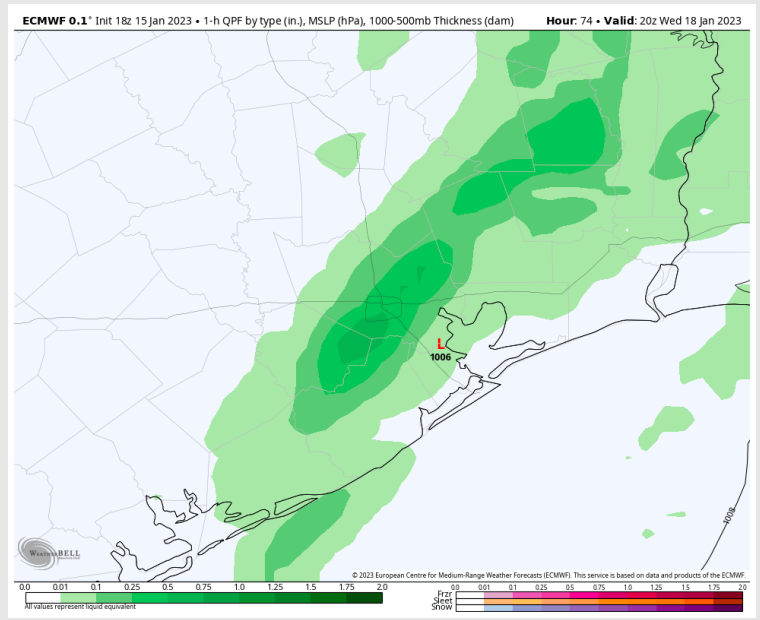
Precip: Favoring dry conditions until roughly 5 AM when showers will begin to fill in the area. The greatest chance for moderate rain will arrive around 2 PM and last until 5 PM. Showers could linger at the Boarding Station until 6 PM. After 6 PM favoring dry conditions.

Wind: SSE winds in the AM will shift from the NW by 6 PM due to a cold front. Winds north of Morgan's Point will start out at 10 – 16 kts and south of Morgan's Point will be slightly elevated at 11 – 17 kts. By 3 PM winds will increase even more south of Morgan's Point to 14 – 21 kts just ahead of the cold front. Once the front passes through (after 6 PM) winds will calm to 3 – 7 kts across all stations. **Wind gusts could range between 22 – 26 kts across all stations between 10 AM and 2 PM**

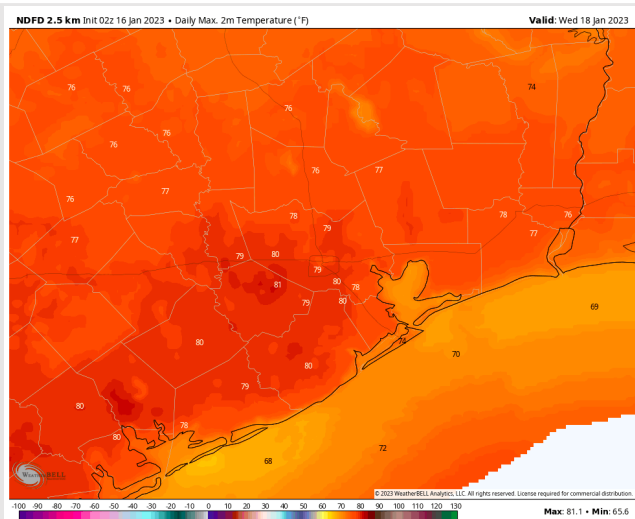
Temps: Temperatures north of Morgan's Point will be in the upper 70s F and south of Morgan's point will be in the mid to lower 70s F.

Visibility: Dense fog will be likely during the morning hours on Wednesday across all stations as there will be a lot of rising moist air ahead of the cold front with the presence of sea fog to further deteriorate visibility.

Precip Forecast: 2 PM CT

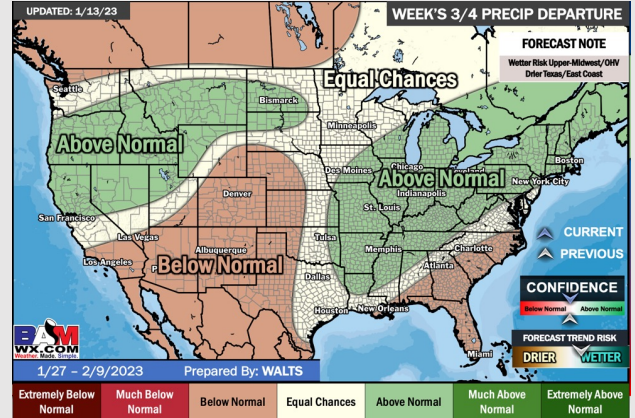
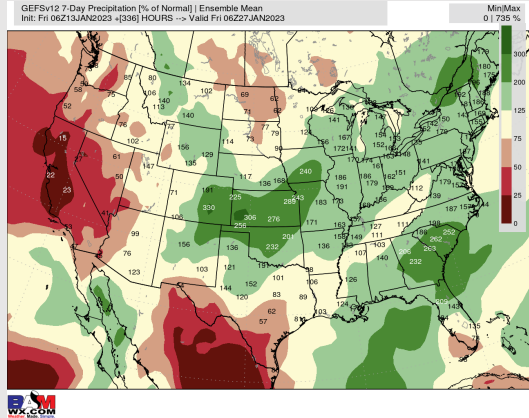
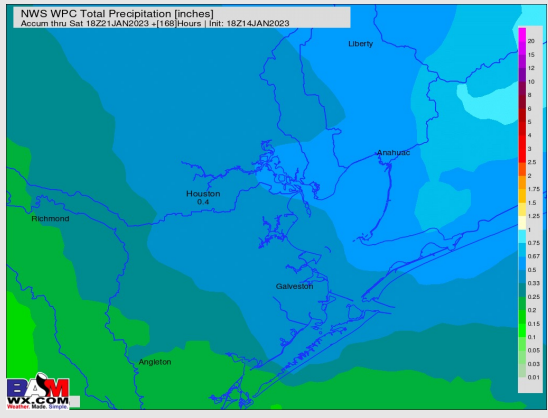
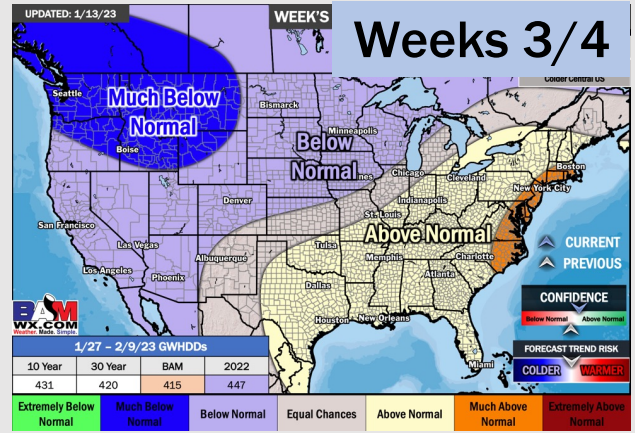
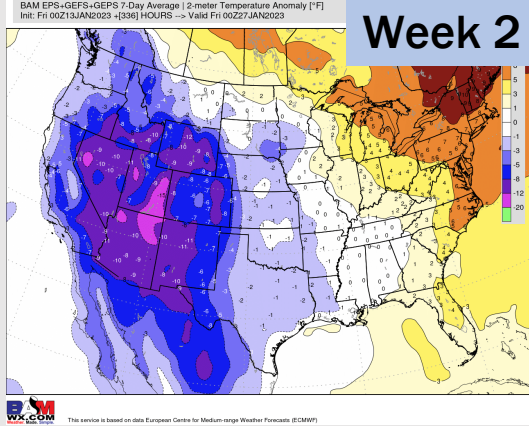
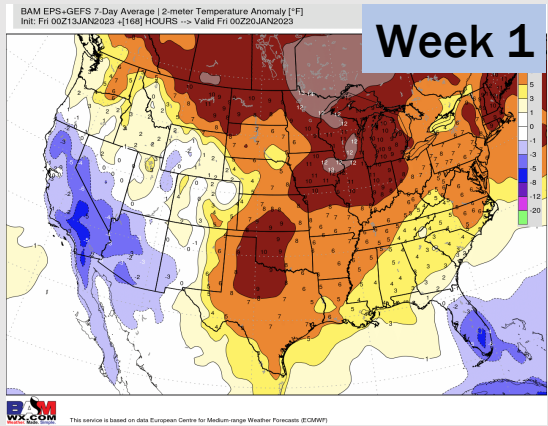


Wind Speed
2 PM CT



High Temps
Wednesday

Houston Pilots: 1/16/23



- A generally drier pattern with the best chances for precip coming Wed/Thu with a cold front. Temps will continue to remain above average.
- Week 2 precipitation is expected to be near normal for the week 2 timeframe. Temperatures are to be near normal.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.